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PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q91836

Mikio AOKI

Appln. No.: 10/559,661

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: December 5, 2005

For: METHOD OF NUCLEIC ACID INFUSION

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. T. Takai et al., "DNA transfection of mouse lymphoid cells by the combination of DEAE-dextran-mediated DNA uptake and osmotic shock procedure", *Biochimica et Biophysica Acta*, Vol. 1048, No. 1, (1990), pp. 105-109 (**previously submitted on December 5, 2005**).
2. T.V. Gopal et al., "Gene Transfer Method for Transient Gene Expression, Stable Transformation, and Cotransformation of Suspension Cell Cultures", *Col. Cell Biol.*, (1985), Vol. 5, No. 5, pp. 1188-1190 (**previously submitted on December 5, 2005**).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.P./

INFORMATION DISCLOSURE STATEMENT

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March 6, 2006

3. C.Y. Okada et al., "Introduction of Macromolecules into Cultured Mammalian Cells by Osmotic Lysis of Pinocytic Vesicles", Cell, Vol. 29, No. 1, 1982, pp. 33-41 (**previously submitted on December 5, 2005**).
4. J. Gruber et al., "RNA interference by osmotic lysis of pinosomes: liposome-independent transfection of siRNAs into mammalian cells", Biotechniques, Vol. 37, No. 1, July 2004, pp. 96-102 (**previously submitted on December 5, 2005**).
5. R.D. Park et al., "Hypertonic Sucrose Inhibition of Endocytic Transport Suggests Multiple Early Endocytic Compartments", J. Cell Physiol., Vol. 135, No. 3, 1988, pp. 443-450 (**previously submitted on December 5, 2005**).
6. P.L. Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure", Proc. Natl. Acad. Sci. USA, Vol. 84, November 1987, pp. 7413-7417.
7. "Focus", (1999), Vol. 21, No. 3, pp. 61.
8. O. Boussif et al., "A versatile vector for gene and oligonucleotide transfer into cells in culture and in vivo: Polyethylenimine", Proc. Natl. Acad. Sci. USA, Vol. 92, August 1995, pp. 7297-7301.
9. Per E.G. Thoren et al., "The Antennapedia peptide penetratin translocates across lipid bilayers - the first direct observation", FEBS Letters 482 (2000), pp. 265-268.
10. H. Nagahara et al., "Transduction of full-length TAT fusion proteins into mammalian cells: TAT-p27^{Kip1} induces cell migration", Nature Medicine, Vol. 4, No. 12, December 1998, pp. 1449-1452.
11. E. Neumann et al., "Gene transfer into mouse lymphoma cells by electroporation in high electric fields", The EMBO Journal, Vol. 1, No. 7, 1982, pp. 841-845.

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The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


John T. Callahan
Registration No. 32,607

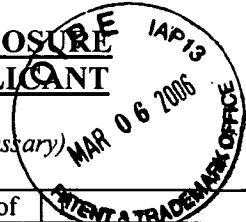
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| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | <i>Complete if Known</i> | |
| | | | Application Number | 10/559,661 |
|  | | | Confirmation Number | Unknown |
| | | | Filing Date | December 5, 2005 |
| | | | First Named Inventor | Mikio AOKI |
| | | | Art Unit | Unknown |
| | | | Examiner Name | Unknown |
| | | | Attorney Docket Number | Q91836 |
| Sheet | 1 | of | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
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| NON PATENT LITERATURE DOCUMENTS | | | |
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| /J.P./ | | P.L. Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure", Proc. Natl. Acad. Sci. USA, Vol. 84, November 1987, pp. 7413-7417. | |
| | | Focus, (1999), Vol. 21, No. 3, pp. 61. | |
| /J.P./ | | O. Boussif et al., "A versatile vector for gene and oligonucleotide transfer into cells in culture and in vivo: Polyethylenimine", Proc. Natl. Acad. Sci. USA, Vol. 92, August 1995, pp. 7297-7301. | |
| /J.P./ | | Per E.G. Thoren et al., "The Antennapedia peptide penetratin translocates across lipid bilayers - the first direct observation", FEBS Letters 482 (2000), pp. 265-268. | |
| /J.P./ | | H. Nagahara et al., "Transduction of full-length TAT fusion proteins into mammalian cells: TAT-p27 ^{Kip1} induces cell migration", Nature Medicine, Vol. 4, No. 12, December 1998, pp. 1449-1452. | |
| /J.P./ | | E. Neumann et al., "Gene transfer into mouse lyoma cells by electroporation in high electric fields", The EMBO Journal, Vol. 1, No. 7, 1982, pp. 841-845. | |
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| Examiner Signature | /Jennifer Pitrak/ | Date Considered | 03/06/2008 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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